We claim:

1. An aqueous recording fluid comprising

(a) at least one disperse dye,
(b) at least two wetting agents.

2. The recording fluid according to claim 1 wherein at least two wetting agents are selected from alkoxylated alcohols, alkoxylated or nonalkoxylated silicones, acetylene derivatives, alkylpolyglucosides, sugar ester alkoxylates, fluorosurfactants, anionic surfactants and cationic surfactants.

3. The recording fluid according to claim 1 or 2 that comprises

(c) at least one dispersant.

4. The recording fluid according to at least one of claims 1 to 3 that comprises two wetting agents (b1) and (b2) whose weight ratio is in the range from 1:20 to 20:1.

5. The recording fluid according to at least one of claims 1 to 4 that comprises up to 2% by weight of (b), based on the total weight of the recording fluid.

6. A process for producing a recording fluid according to claim 1 to 5, which comprises mixing

(a) at least one disperse dye,
(b) at least two wetting agents,
(c) if appropriate at least one dispersant,
(d) water and
(e) if appropriate further assistants

with each other in one or more steps.

7. The use of a recording fluid according to claim 1 to 5 or of a recording fluid produced according to claim 6 as an ink for the ink jet process.

8. A process for printing substrates by the ink jet process using a recording fluid according to at least one of claims 1 to 5 or a recording fluid produced according to claim 6.

9. The process according to claim 8 that is a transfer process.

10. The process according to claim 8 or 9 when the substrates are textile substrates.

11. The process according to any of claims 8 to 10 when the substrates are substrates comprising polyester.

12. A printed substrate obtainable by a process according to any of claims 8 to 11.

Recording liquids

Abstract

Aqueous recording fluids comprising

(a) at least one disperse dye,
(b) at least two wetting agents.